English

BenQ

DV3750

LCD Display

User's Manual

Welcome

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Important Safety Instructions

Electrical energy can perform many useful functions, but it can also cause personal injury and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety, however IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. Proper care will also prolong the service life of your BenQ display. Just follow these simple instructions before using your display

1. **Read instructions** - All operating instructions must be read and understood before the product is operated.
2. **Retain instructions** - These safety and operating instructions must be kept in a safe place for future reference.
3. **Observe warnings** - All warnings on the product and in the instructions must be observed closely.
4. **Follow instructions** - All operating instructions must be followe.
5. **Water and moisture** - Do not use this product near water - for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like. Do not use immediately after moving from a low temperature to a high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.
6. **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning. Periodically clean the liquid crystal panel of the display to ensure a clear screen and prolong the service life of the panel. Use a clean, soft and cotton-free dry cloth to dip into the specific cleaner for the liquid crystal panel. Quickly wipe over the whole panel and use another cloth to clean the panel.
7. **Ventilation** - The vents and other openings in the cabinet are designed to let hot air escape from the display. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the display on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This display is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.
8. **Heat sources** - Keep the product away from heat sources such as radiators, heaters, stoves and other heat-generating products (including amplifiers).

9. **Power cord protection** - Power-supply cords should be routed so that they are not likely to be walked on or bitten by small animals. Pay particular attention to cords at doors, plugs, receptacles, and the point where they exit from the product.

10. **Attachments** - Do not use attachments not recommended by the manufacturer. Use of improper attachments can result in accidents.

11. **Accessories** - When the product is used on a trolley, care should be taken to avoid quick stops, excessive force, and uneven surfaces that may cause the product and trolley to overturn, damaging equipment or causing possible injury to the operator. Do not place this product on an unstable trolley, stand, pedestal, bracket, or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. The product should be mounted according to the manufacturer's instructions, and use only with a trolley, stand, pedestal, bracket, or table recommended by the manufacturer.

12. **Servicing** - Do not attempt to service the product yourself. Removing covers can expose you to high voltage and other dangerous conditions. Request a qualified service person to perform servicing.

13. **Replacement parts** - In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.

14. **Overloading** - Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.

15. **Entering of objects and liquids** - Never poke an object into the product through vents or openings. High voltage flows in the product, and inserting an object can cause electric shock and/or short circuit internal parts. For the same reason, do not spill water or liquid on the product.

16. **Damage requiring service** - If any of the following conditions occurs, unplug the power cord from the AC outlet, and request a qualified service person to perform repairs.

    - When the power cord or plug is damaged.
    - When a liquid is spilled on the product or when objects have fallen into the product.
    - When the product has been exposed to rain or water.
    - When the product does not operate properly as described in the operating instructions.
    - Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.
    - If the product has been dropped or the cabinet has been damaged in any way.
    - When the product displays an abnormal condition or exhibits a distinct change in performance. Any noticeable abnormality in the product indicates that the product needs servicing.

17. **Safety checks** - Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.

18. **Wall mounting** - When mounting the product on a wall, be sure to install the product according to the method recommended by the manufacturer using only the manufacturers mounting hardware.

19. **Stand** - Do not place the product on an unstable trolley, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in serious personal injuries as well as damage to the product.

20. **Careful move** - When relocating the product placed on a trolley, it must be moved with the utmost care. Sudden stops, excessive force and uneven floor surfaces can cause the product to fall from the trolley.

21. **Panel protection** - The LCD panel used in this product is made of glass.
Therefore, it can break when the display is dropped or hit by other objects. Beware of injuries in the event of the LCD glass screen breaking.

22. Pixel defect - The LCD panel is a high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.

23. Installation of an external antenna - If an outside antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges.

For added protection for this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.

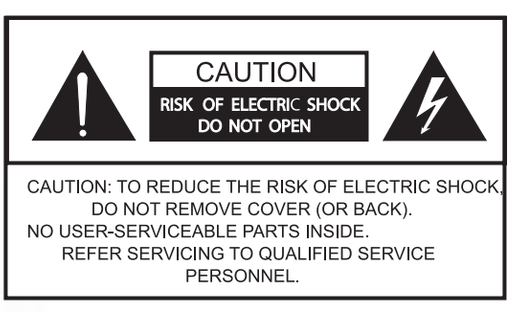
An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can collide with such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.

Important Information

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DONOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment. (U.S.A. ONLY)

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE
PERSONNEL.

The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product

The lightning flash with arrowhead symbol within a triangle, alerts the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may constitute a risk of electric shock.

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<Memo>

1 Introduction

Thank you for purchasing the BenQ DV3750 LCD Display. Your DV3750 will bring you years of high-quality viewing enjoyment. It is also extremely easy to operate, and provides exceptionally high image quality.

The DV3750 is also extremely versatile. You can install it on the wall (optional wall-mounting kit is required) or set it on a table, and it can be used under any type of illumination.

This manual will explain the operation of the DV3750, including its functions and features and other important information. Before installing or operating your LCD display, please take the time to thoroughly read this manual, particularly the sections on safety.

Functions and Features

The DV3750 has many useful functions and features, including:

- 1920 x 1080 image resolution
- 550 nits brightness
- 800:1 contrast ratio
- Compatible with 1080i, 720P, 576P and 480P signal formats
- De-Interlacing
- Multiple picture modes
- Picture In Picture and Picture By Picture display functions
- SRS TruSurround XT Home Theater Surround sound experience
- Graphic OSD
- Shortcut buttons

1. Freeze frame
2. Stereo / MTS sound
3. Sleep timer
4. Backlight adjustment
5. PC/DVI input signal auto calibration
6. Aspect ratio adjustment

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2 Package Contents

Please ensure that the following items are included with your DV3750 LCD Display. If any item is missing or damaged, contact an authorized dealer immediately.

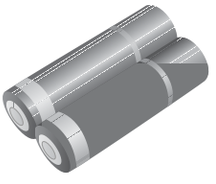
DV3750 LCD Display (x1)

User's manual (x1)

Power cord (x1)

Composite (AV) cable (x1)

Remote control (x1)



AAA batteries (x2)

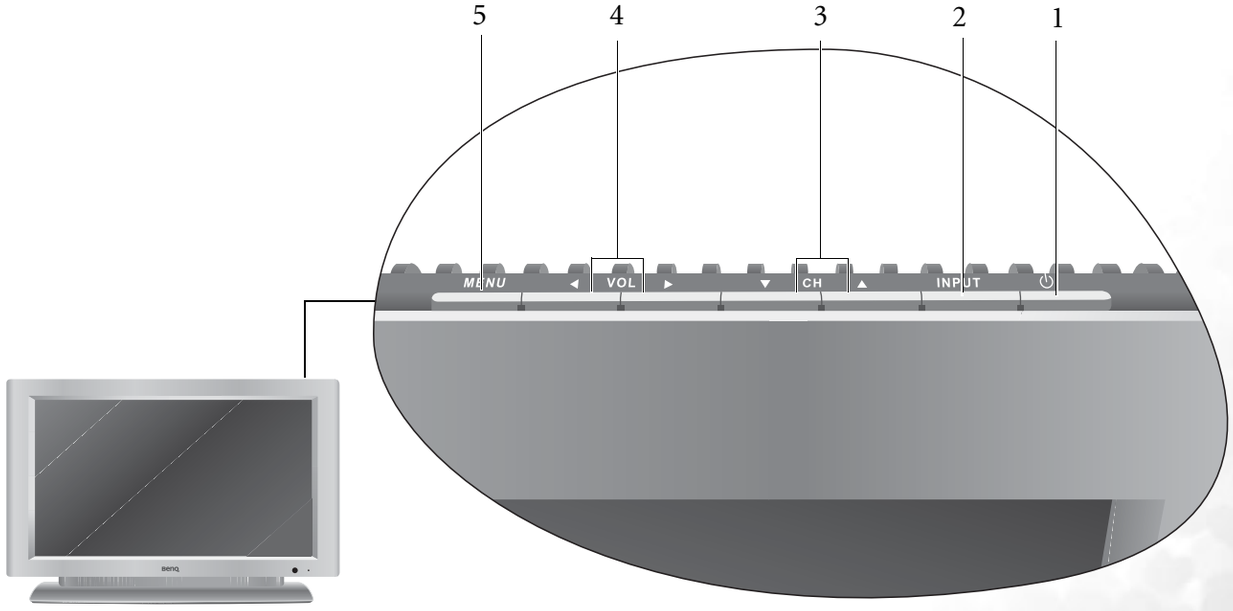
☞ **Actual number and type of cables may vary with the location of purchase.**

3 Getting Started with Your Display

Main Unit (Front View)

No.	Name	Description
1	**Power indicator**	• Lights up green when the display is powered on. • Lights up red when the display is in standby mode. • Flashes red when the display is connected to a PC and the PC enters standby mode.
2	**Remote control sensor window**	Receives the signal from the remote control. Do not put any objects in front of the window in order not to hinder the reception of signals.

Control Panel



No.	Name	Description
1	**Power**	• Press this button to turn the display on when it is in standby mode. • Press this button once more to turn the display off by and put it to standby mode.

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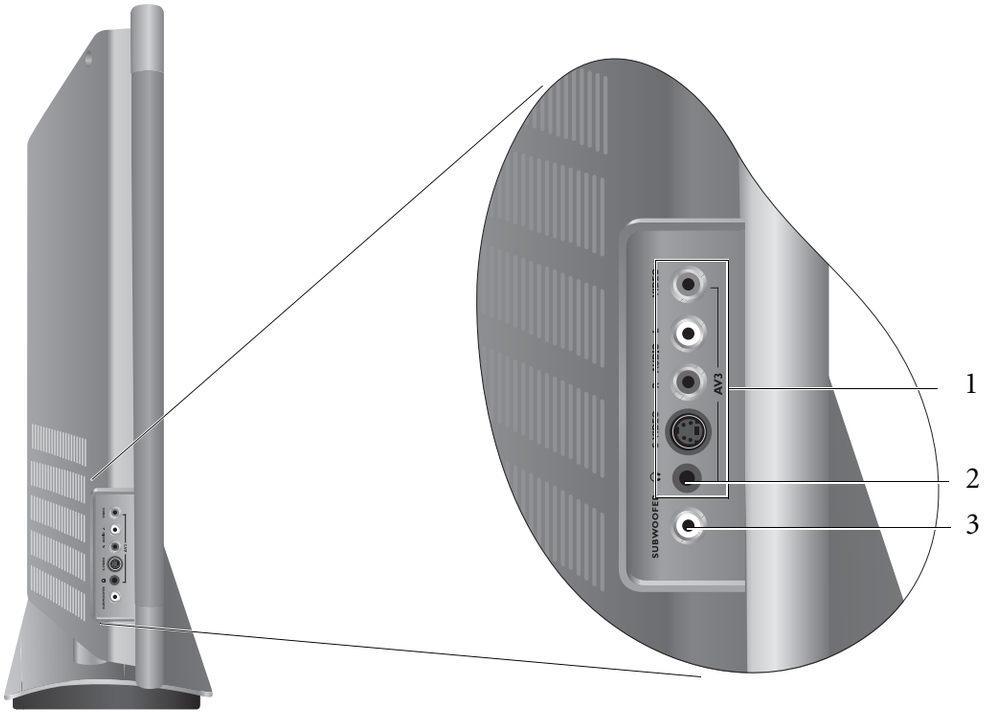
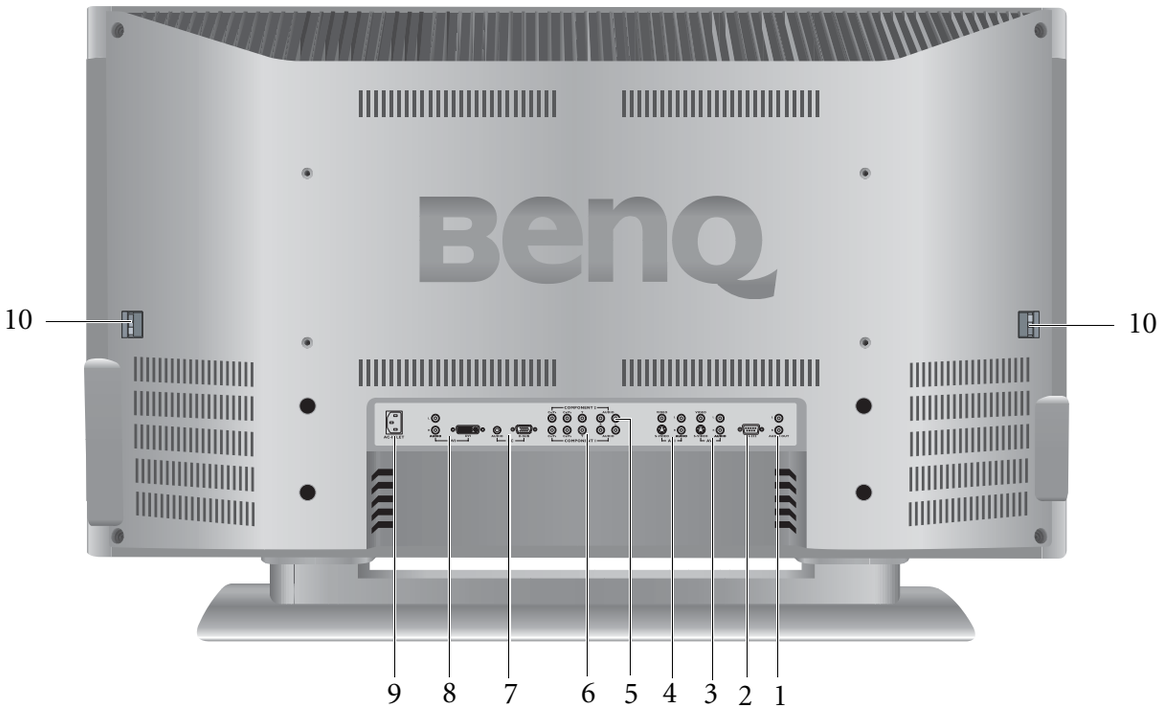
2	**INPUT**	• This button allows you to switch among different input signal sources. • When the OSD (On-Screen Display) menu is on, press this button to enter the submenu.
3	**Selection ▼/▲ button**	When the OSD menu is on, press these buttons to move the selection focus up or down or change settings.
4	**Volume ◀ / ▶ button**	• Press **Volume ▶** to increase the volume, or **Volume ◀** to decrease it. • When the OSD menu is on, press these buttons to move the selection focus left and right or change settings.
5	**MENU button**	• Press this button to display the OSD menu. • When the OSD menu is on, press this button to exit the menu.

Terminal Panel



No.	Name	Description
1	**AV3**	• **VIDEO (Composite (AV) signal input, RCA connector)**: Connect the Composite video output of your AV device here. • **AUDIO(Audio input, L/R)**: Connect the audio output of your AV device here. This input is used common to both AV and S-VIDEO input. • **S-VIDEO (S-VIDEO input)**: Connect the S-VIDEO output of your AV device here.
2	**Headset socket**	This socket is for connecting an external headset.
3	**Subwoofer**	Allows you to connect the display to an external subwoofer set for playing sound.

Main Unit (Rear View)



No.	Name	Description
1	AUDIO OUT (L/R)	Connect the audio input of an amplifier or here.
2	RS232	This terminal is for service purpose only.
3	AV2	• **VIDEO (Composite (AV) signal input, RCA connector)**: Connect the Composite video output of your AV device here. • **AUDIO (Audio input, L/R)**: Connect the audio output of your AV device here. This input is used common to both AV and S-VIDEO input. • **S-VIDEO (S-VIDEO input)**: Connect the S-VIDEO output of your AV device here.
4	AV1	• **VIDEO (Composite (AV) signal input, RCA connector)**: Connect the Composite video output of your AV device here. • **AUDIO (Audio input, L/R)**: Connect the audio output of your AV device here. This input is used common to both AV and S-VIDEO input. • **S-VIDEO (S-VIDEO input)**: Connect the S-VIDEO output of your AV device here.
5	COMPONENT 2	• **Y C_B/P_B C_R/P_R (Y C_B/P_B C_R/P_R input)**: Connect the component image output of your AV devices or HDTV decoder here. • **AUDIO (Audio input, L/R)**: Connect the audio output of your AV device here.
6	COMPONENT 1	• **Y C_B/P_B C_R/P_R (Y C_B/P_B C_R/P_R input)**: Connect the component image output of your AV devices or HDTV decoder here. • **AUDIO (Audio input, L/R)**: Connect the audio output of your AV device here.
7	PC	• **PC D-SUB (15-pin D-SUB computer signal input)**: For connecting to PC's analog video output. • **PC AUDIO**: For connecting to PC's audio output.

8	DVI	• **DVI (Digital Video Input)**: For connecting to PC's digital video output. • **DVI AUDIO (Audio input, L/R)**: For connecting to DVI's digital audio output.
9	AC INLET	Connect the power cord to this input.
10	Speaker connector	Connect the external speakers to these connectors.

4 Setting up Your Display

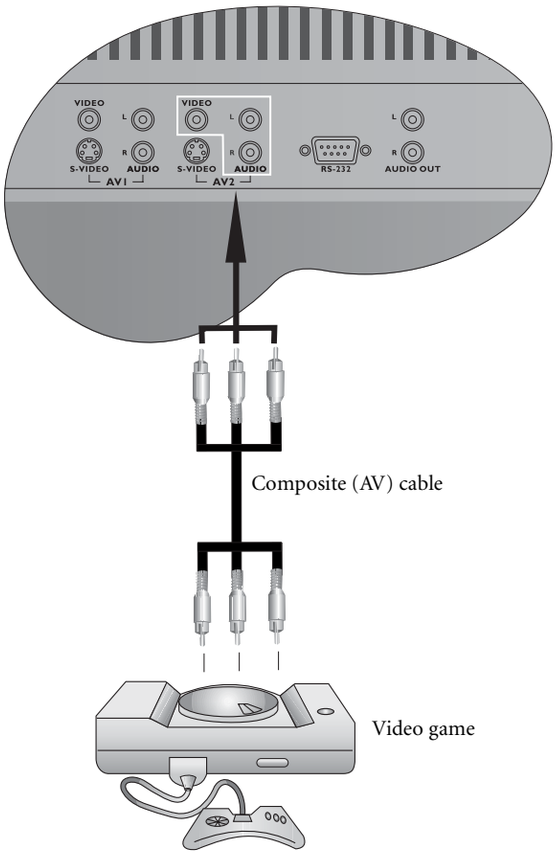
Connecting Audio and Video Signal Sources

- Before connecting any component, please familiarise yourself with the location and type of each input.
- If incorrect connections are made, picture or color quality may be adversely affected. Please ensure that all connectors are firmly seated.
- Before connecting external devices, turn off the power to the display for safety.

Connecting Composite (AV) Video Signals

Connect the Composite (AV) output of your AV equipment to the Composite (AV) signal terminal on the display using a Composite (AV) cable (RCA connector) as illustrated.

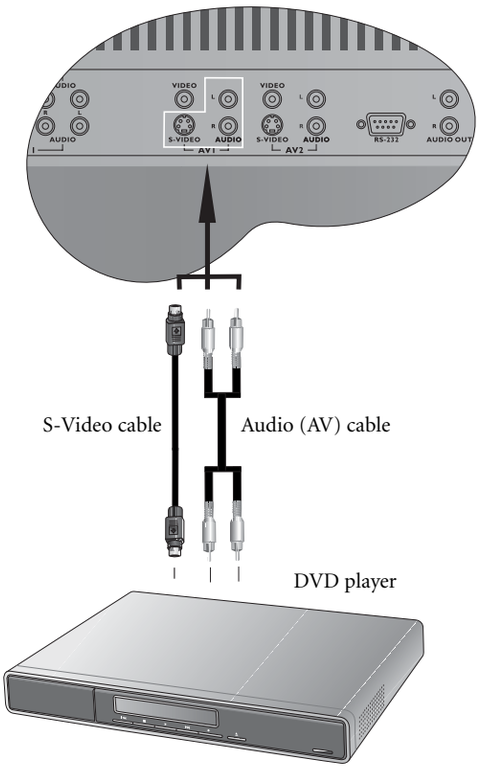
☞ **Composite video input is the most commonly used signal input. However, this type of input also provides a less optimal image quality. Many video sources can only output Composite video signals, for example, VCRs and camcorders. Other video sources, such as laser disc players, actually produce slightly better results when using Composite video.**



Connecting S-Video Signals

1. Connect the S-Video output of your AV equipment to the display's S-VIDEO terminal using an S-Video cable. Pay attention to the direction of the connector on the S-Video cable when inserting.
2. Connect the audio output of your AV equipment to the display's S-VIDEO AUDIO L/R input terminals using the AV cable or equivalent.

☞ **An S-video signal provides a higher quality image to that of Composite video. It is recommended to use this input whenever possible. If your AV equipment provides a component video output (YPBPR or YCBCR), this should be used in preference to either composite or S-video signals.**



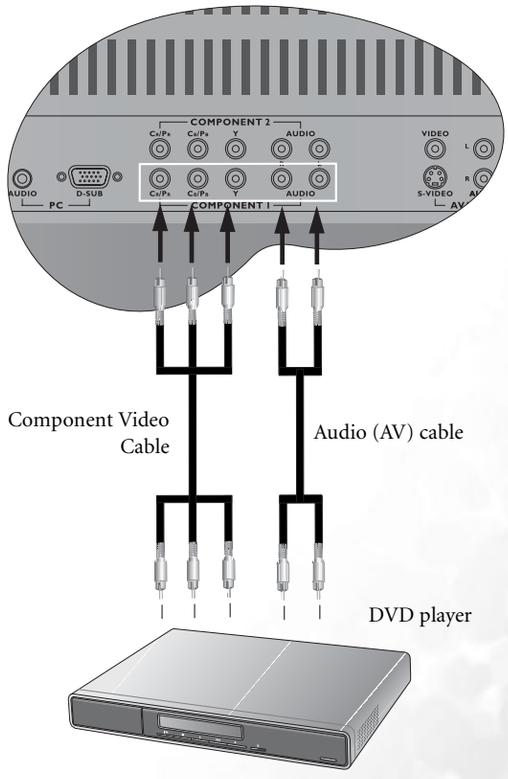
Connecting Component Video Signals

1. Connect the Component video output of your AV equipment to the display's COMPONENT Y CB/PB CR/PR terminals using a Component video cable.
2. Connect the audio output of your AV equipment to the display's COMPONENT AUDIO L/R input terminals using the AV cable or equivalent.

☞ **1. Of the currently available video signal types, Component video input offers the best quality. Component video output is available on progressive scan DVD players and Digital television decoders. The image quality with this type of input is superior to that obtained with S-video. All High Definition Television signals must go through this input.**

2. DV3750 supports 480P, 720P, 576P and 1080i HDTV signals provided by high definition AV equipment such as an HDTV decoder.

3. Ensure the connector colors match, failure to connect the colors of the cables to the corresponding colored terminals will result in a incorrectly color image or badly distorted image.

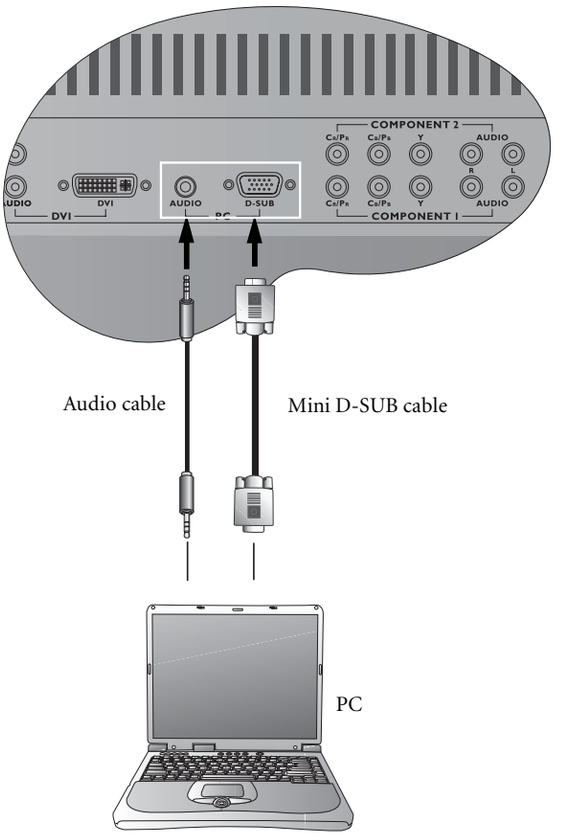


English

Connecting RGB Signals (Mini D-SUB)

1. Connect the analog video output of your PC to the PC D-SUB terminal on the display using a Mini D-SUB 15-pin cable.

2. Connect the audio output of your PC to the display's PC AUDIO input terminal using an appropriate cable.



1. If the input signal resolution is higher than the default display resolution, the screen may be unable to display image details clearly.

2. You will need a converter to connect a Macintosh computer video to the display using a PC D-SUB 15-pin cable.

3. Certain PC models cannot be connected to the display.

4. The computer in the illustration is shown only for reference; your equipment may vary.

5. Additional equipment shown in the illustration is not provided.

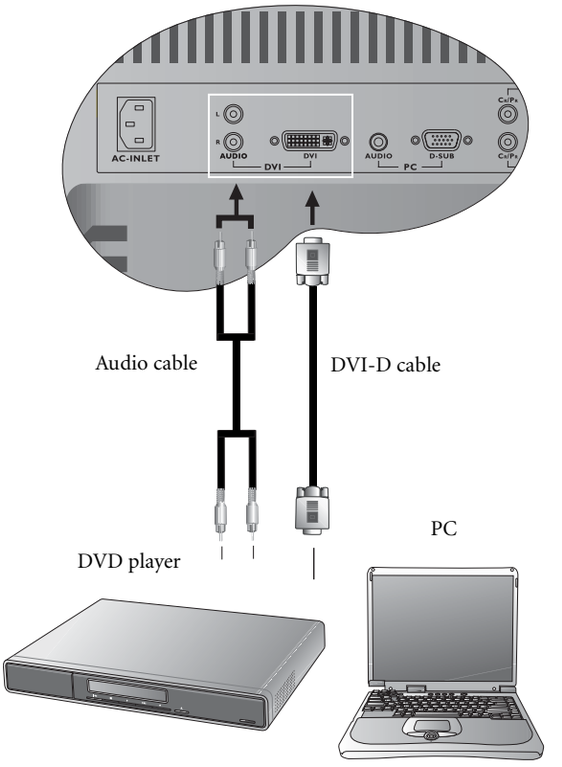
6. Do not set the computer's horizontal and vertical scanning frequencies less than or greater than the frequency range of the display. (refer to "Supported Modes" on page 19)

7. If you require more information on how to connect your equipment, please refer to the manual for the piece of equipment you wish to attach.

Connecting DVI Signals

1. Connect the digital video output of your PC to the DVI terminal on the display using a DVI-D cable.

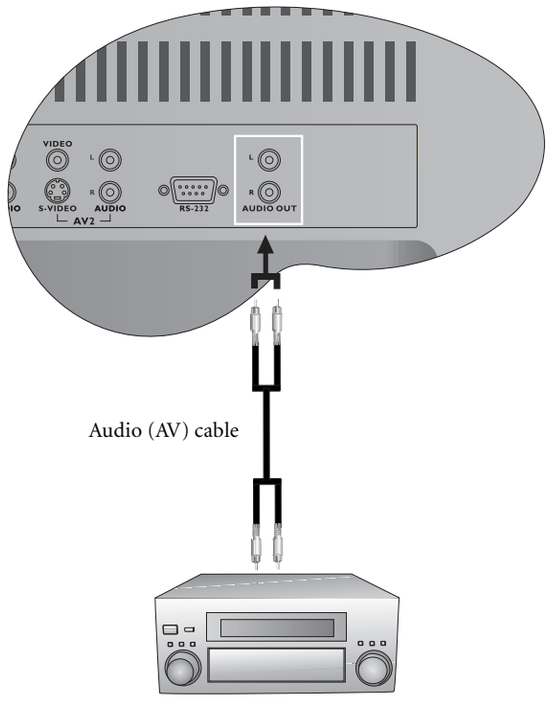
2. Connect the audio output of your PC to the display's DVI AUDIO L/R input terminals using the AV cable or equivalent.



Connecting Audio Output Signals

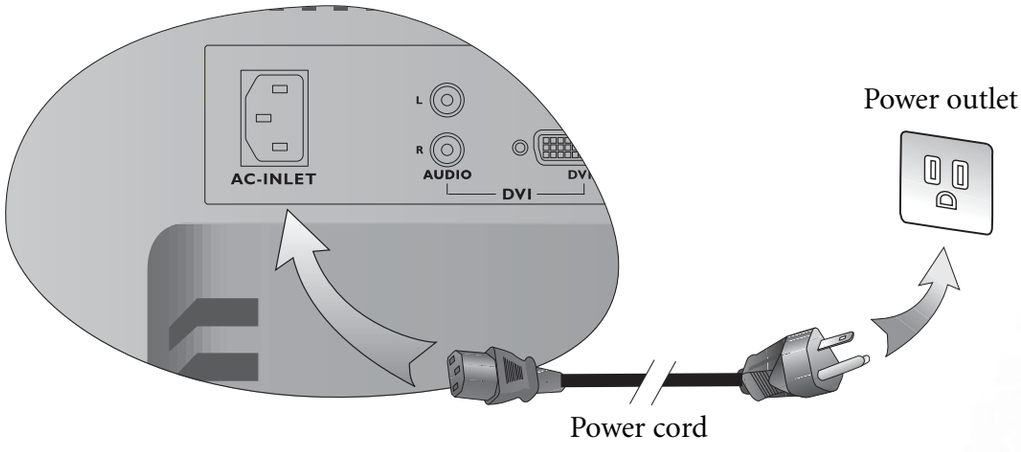
DV3750 provides extra audio output terminals for delivering audio signal to an amplifier or other audio devices.

Connect the AUDIO OUT L/R terminals on the display to the signal input terminals of an amplifier or other audio devices using the AV cable or equivalent.



Connecting the Power Cord

1. Connect the female end of the AC power cord to the AC input on the display.
2. As shown in the diagram, connect the male end to a wall power outlet.



• The figure above shows the power cord connection. The shape of the physical power cord plug and socket will differ depending on the location where you purchased the display.

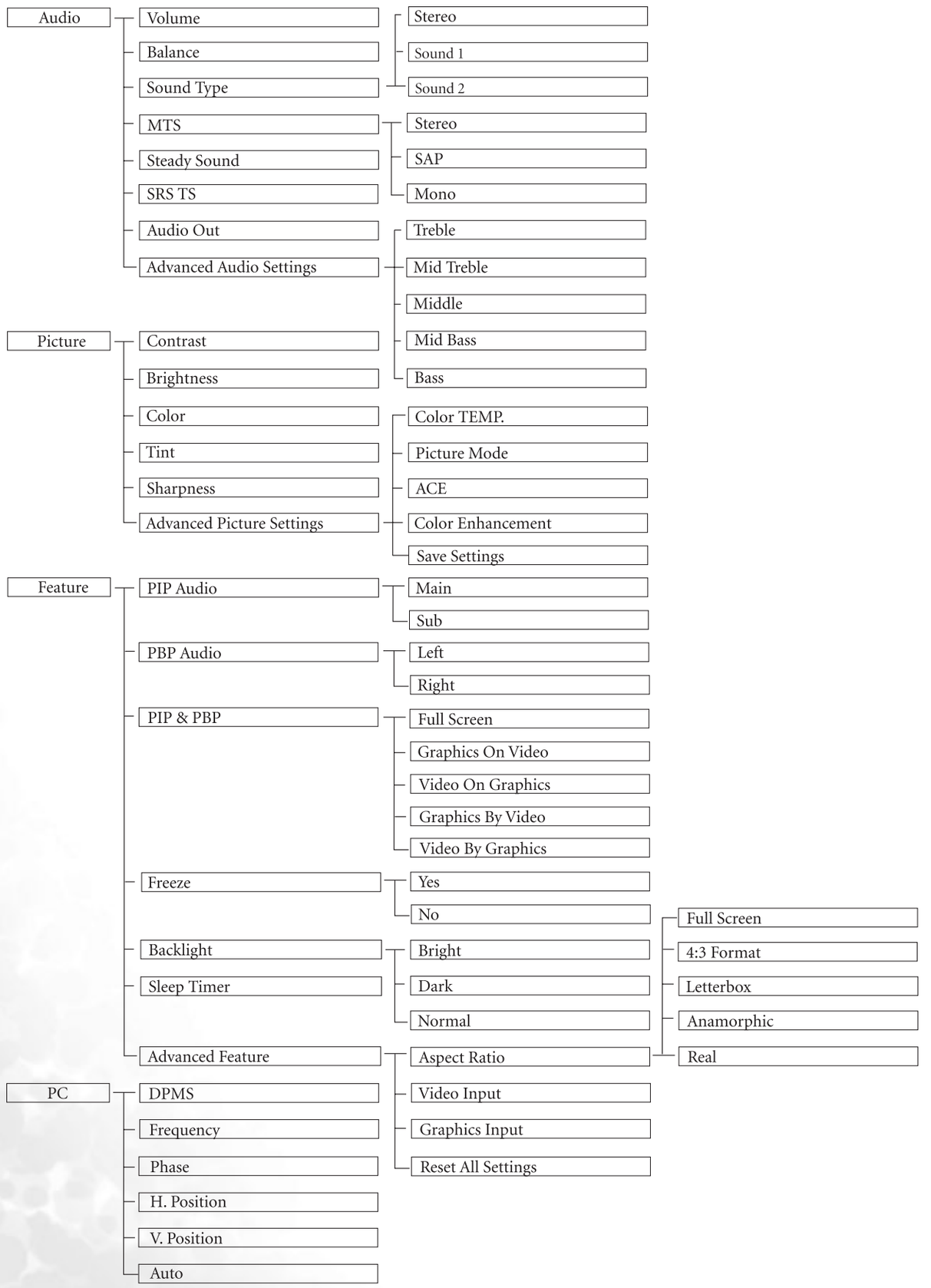
• This product must be operated only from the type of power source indicated on the marking label (AC 100-240V, 50-60 Hz).

• If the display will not be used for a long period of time, it should be unplugged from the wall outlet.

English

5 On-Screen Display (OSD) Menu

OSD Structure



Navigating the OSD Menu

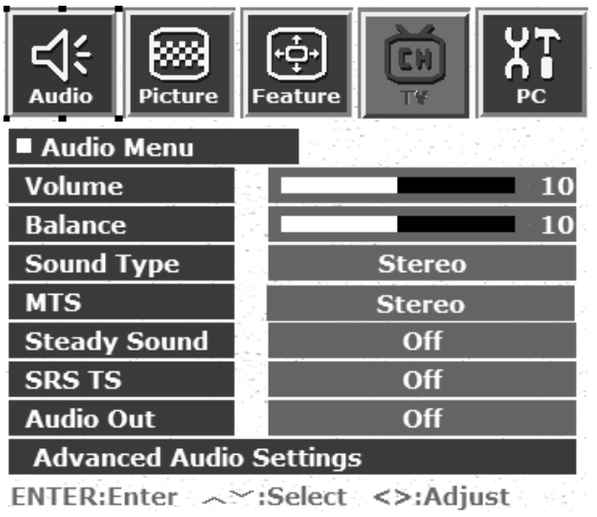
You can use the OSD menu screen to adjust all the settings on your display. Follow the steps outlined below to select the function you desire, and refer to the pages indicated for more information.

Press the **MENU** button on your remote control, or the **MENU** button on your display to bring up the following main menu on your screen:

- Press the ◀ , ▶ , ▲ or ▼ button on the remote control, or the **Selection ▲** , **Selection ▼** , **VOL ▶** or **VOL ◀** button on the display to select items on the main menu, choose functions or change settings.
- Press the **OK** button on the remote control, or the **INPUT** button on the display to enter the submenu.
- Press the **EXIT** button on the remote control to return to the upper layer of menu.
- Press the **MENU** button on the remote control, or the **MENU** button on your display to exit from the main menu.

☞ **For more information about the OSD menus, please refer to the following pages:**
•"Audio Menu" on page 11
•"Picture Menu" on page 12
•"Feature Menu" on page 14
•"PC Menu" on page 16

Audio Menu

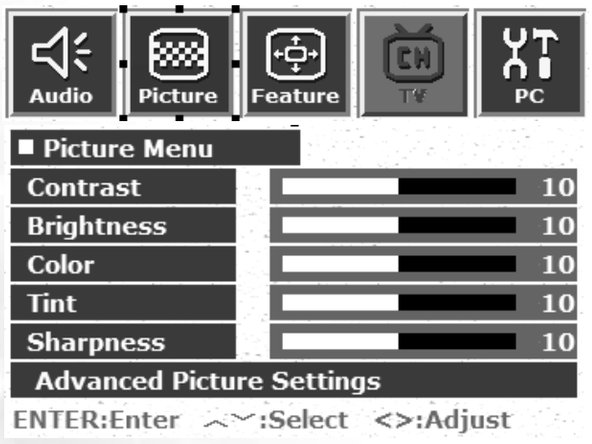


1. Press the **MENU** button on the remote control or the **MENU** button on the display to display the main menu.
2. Press the ◀ or ▶ buttons to select **Audio** and then press **OK** to enter the submenu.
3. Press the ▲ or ▼ buttons to select an item.
4. In the **Audio Menu**, use the ◀ or ▶ buttons to adjust the setting or select the options.
5. To return to the menu one level up, press the **EXIT** button on the remote control, or the **MENU** button on the display.

Item	Function	Operation	Range
Volume	Adjust volume level.	Use ▶ to increase and ◀ to decrease volume.	0 to 47
Balance	Adjust left and right volume levels. ☞ **This option will become unavailable if Audio Out is set to On.**	Use ▶ to increase right volume, ◀ to increase left volume level.	-12 to 12

Sound Type	Select the sound type for video inputs.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Stereo • Sound 1 • Sound 2
MTS	Select broadcasting audio type.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Stereo • SAP • Mono
Steady Sound	Automatically adjusts the sound level to be constant when viewing programs. ☞ **This option will become unavailable if Audio Out is set to On.**	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Off • Auto
SRS TS	Turn on or off SRS TruSurround XT Home Theater Surround Sound effect.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Off • On
Audio Out	Select sound output from the internal speaker or external speaker.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Off • On
Advanced Audio settings- Press **OK** to enter. ☞ **This option will become unavailable if the SRS TS and Audio Out options are set to On.**			
Treble	Adjust treble tones	Use ▶ to increase treble tone, ◀ to decrease treble tone.	-12 to 12
Mid Treble	Adjust mid-treble tones	Use ▶ to increase mid treble tone, ◀ to decrease mid treble tone.	-12 to 12
Middle	Adjust mid tones	Use ▶ to increase middle tone, ◀ to decrease middle tone.	-12 to 12
Mid Bass	Adjust mid-bass tones	Use ▶ to increase mid bass tone, ◀ to decrease mid bass.	-12 to 12
Bass	Adjust bass tones	Use ▶ to increase bass tone, ◀ to decrease bass tone.	-12 to 12

Picture Menu



1. Press the **MENU** button on the remote control or the **MENU** button on the display to display the main menu.
2. Press the ◀ or ▶ buttons to select **Picture** and then press **OK** to enter the submenu.
3. Press the ▲ or ▼ buttons to select an item.
4. In the **Picture Menu**, use the ◀ or ▶ buttons to adjust the setting or select the options.
5. To return to the menu one level up, press the **EXIT** button on the remote control, or the **MENU** button on the display.

Item	Function	Operation	Range
Contrast	Adjust image contrast.	Use ▶ to increase contrast, or ◀ to reduce it.	0 to 32
Brightness	Adjust image black level.	▶ for brighter blacks, ◀ for darker blacks.	0 to 60

Color	Adjust color saturation.	▶ for higher saturation, ◀ for lower saturation.	0 to 64
Tint	Adjust color tint.	▶ for redder tones, ◀ for greener tones.	0 to 30
Sharpness	Adjust the sharpness level of the image.	▶ for a sharper image, ◀ for softer image.	-14 to 25
Advanced Picture Settings - Press **OK** to enter.			
Color TEMP.	Adjust the color tint of the black and white part of the image.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• **Panel Default**: backlight color • **Warm**: Biased toward red • **Normal**: Standard color temperature • **Cool**: Biased toward blue - for PC input
Picture Mode	To restore a factory preset or user customized user situation mode from memory.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Vivid • Standard • Movie • Sports • Personal 1 • Personal 2
ACE (Auto Contrast Enhance-ment)	Adjust the auto contrast enhancement function that optimizes the density of dark and bright areas of images.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Off • High • Middle • Low
Color Enhancement - Press **OK** to enter.			
Red	Adjust red in image.	▶ for more red concen-tration, ◀ for less red concentration.	0 to 30
Green	Adjust green in image.	▶ for more green concen-tration, ◀ for less green concentration.	0 to 30
Blue	Adjust blue in image.	▶ for more blue concen-tration, ◀ for less blue concentration.	0 to 30
Yellow	Adjust yellow in image.	▶ for more yellow con-centration, ◀ for less yel-low concentration.	0 to 30
Save Settings	Two different user profiles can be set.	Press ◀ or ▶ buttons to select the user situation preset Personal 1 or Per-sonal 2. Then press **OK** to save your current settings.	• To Personal 1 • To Personal 2

Picture Mode Settings

1. Press the **MENU** button on your remote control or the **MENU** button on the display to bring up the OSD menu.
2. Press the ◀ or ▶ button to select **Picture** and press the **OK** button to enter the submenu.
3. Select an option (**Contrast**, **Brightness**, **Color**, **Tint**...) from the **Picture** menu to adjust your favorite image quality.
4. Press the ▲ or ▼ button to select **Advanced Picture Settings**, and press the **OK** button to enter the submenu.

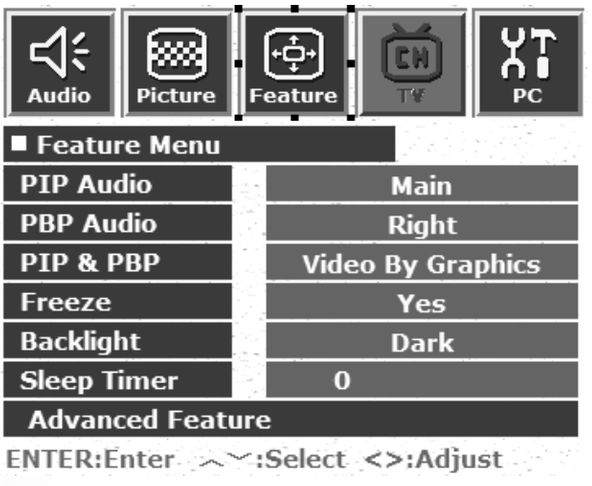
5. Press the ▲ or ▼ button to select **Save Settings**, and press the **OK** button to enter the submenu.
6. Press the ▲ or ▼ button to save your settings in **To Personal 1** or **To Personal 2** and then press the **OK** button to confirm.

Selecting a Picture Mode

1. Press the **MENU** button on your remote control or the **MENU** button on the display to bring up the OSD menu.
2. Press the ◀ or ▶ button to select **Picture** and press the **OK** button to enter the submenu.
3. Press the ▲ or ▼ button to select **Advanced Picture Settings**, and press the **OK** button to enter the submenu.
4. Press the ▲ or ▼ button to select **Picture Mode**, and press the ◀ or ▶ button to select a picture mode.
5. Press the **MENU** button to close the menu.

☞ **You can also press the PICTURE button on the remote control to switch to the picture mode you want directly.**

Feature Menu



1. Press the **MENU** button on the remote control or the **MENU** button on the display to bring up the main menu.
2. Press the ◀ or ▶ buttons to select **Feature** and then press **OK** to enter the submenu.
3. Press the ▲ or ▼ buttons to select an item.
4. In the **Feature Menu**, use the ◀ or ▶ buttons to adjust the setting or select the options.
5. To return to the menu one level up, press the **EXIT** button on the remote control, or the **MENU** button on the display.

Item	Function	Operation	Range
PIP Audio	Select which audio source you want to hear. ☞ **This option is available only if the PIP mode is activated.**	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Main • Sub
PBP Audio	Select which audio source you want to hear. ☞ **This option is available only if the PBP mode is activated.**	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Left • Right
PIP & PBP*	Display video and images simultaneously in either Picture-In-Picture or Picture-By-Picture mode.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Full screen • Graphics On Video • Video On Graphics • Graphics By Video • Video By Graphics

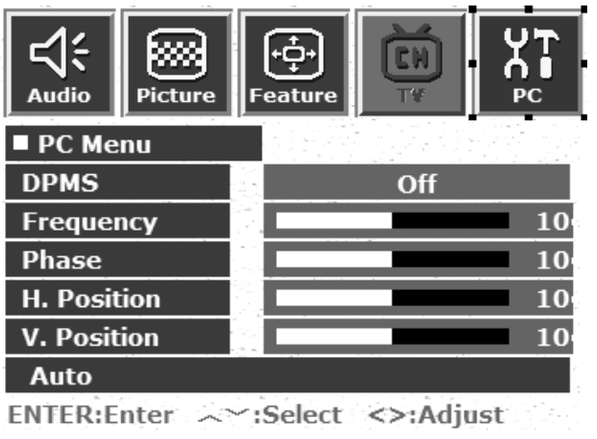
Freeze	Freeze motion of screen image (however, broadcast continues).	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• No • Yes
Backlight	Adjust backlight intensity.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Dark • Normal • Bright
Sleep Timer	Set the Sleep timer to automatically turn off the display.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	0, 30, 60, 90, 120, 150, 180 minutes
Advanced Feature- Press **OK** to enter.			
Aspect Ratio	Adjust image aspect ratio.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• **Full Screen** - Enlarge the standard 4:3 video signal to 16:9 full screen video signal. When the original input video source is 16:9 in ratio (e.g. DVD signal), no change will occur. • **4:3 Format** - Display the standard 4:3 video signal in the center of the screen at the ratio of 4:3. The screen does not change, but black blocks appears in the left and right sides of the screen. When the input video source is 16:9 in ratio, deformation will occur on the screen. • **Letterbox** -Fill the entire 4:3 screen with a 4:3 video signal. The redundant part on the upper and bottom of the image will be removed and the image will extend vertically and horizontally to fill the full screen. When the input video source is 16:9 in ratio (e.g. DVD signal), no change will occur. • **Anamorphic** - Fill the entire screen with a 4:3 video signal. Some deformations may be identified on the edge of the image. When the input video source is 16:9 in ratio (e.g. DVD signal), no change will occur. • **Real** - Display the actual size of the video source without zooming.
Video Input	Select video signal input source for PIP/PBP function.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	AV1, AV1-S, AV2, AV2-S, AV3, AV3-S ☞ **AV1-S, AV2-S or AV3-S will appear only when the S-Video input of AV-1, AV-2 or AV-3 is connected.**

Graphics Input	Select graphics signal input source for PIP/ PBP function.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• PC • Component 1 • Component 2 • DVI
Reset All Settings	Restore all settings to default values.	Press the **OK** button on the remote control or the **INPUT** button on the display to reset.	

☞ **PIP/PBP Functions are available with 480P, 576P, 720P and 1080i signal formats.**

PC Menu

☞ **Options in this menu are available only if you have connected PC or DVI signals to the display.**



1. Press the **MENU** button on the remote control or the **MENU** button on the display to bring up the main menu.
2. Press the ◀ or ▶ buttons to select **PC** and then press **OK** to enter the submenu.
3. Press the ▲ or ▼ buttons to select an item.
4. In the **PC Menu**, use the ◀ or ▶ buttons to adjust the setting or select the options.
5. To return to the menu one level up, press the **EXIT** button on the remote control, or the **MENU** button on the display.

Item	Function	Operation	Range
DPMS	Protect screen and enter power saver mode when no PC signal is detected.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	• Off • On
Frequency	Adjust display clock frequency.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	-32 to 32
Phase	Adjust display clock phase. ☞ **When receiving Component video signal in 480P, 576P, 720P or 1080i format, you can use this function to enhance the sharpness of the picture.**	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	0 to 31
H. Position	Adjust horizontal position of the image.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	-30 to 30
V. Position	Adjust vertical position of the image.	Use the ▶ and ◀ buttons on the remote control or the **VOL** ▶ and **VOL** ◀ buttons on the display to change selection.	-30 to 30
Auto	Automatically adjusts frequency, phase, H. position and V. position to place the image on the screen.	Use the **OK** button on the remote control or the **INPUT** button on the display to begin auto adjustment.	

6 Troubleshooting

Before calling a service center, attempt the following steps to diagnose the problem.

Symptoms	Possible Causes
Power does not turn ON	Ensure the power plug is securely inserted into the receptacle and wall socket.
There is no picture or sound	• Ensure the display power is ON (Indicated by the green Power indicator on the front of the display) • Try a different input source to check whether the source is at fault. • Check for mis-connection of cables or for wrong input source.
There are spots on the screen	Your display is being affected by interference from automobiles, trains, high-voltage transmission lines, neon signs or another sources of interference. Try redirecting or relocating your antenna to reduce the affects of the interference.
Degraded colors or tints	• Check whether all the picture adjustments have been properly performed. • Press the **PICTURE** button on the remote control to select a different picture mode.
Improper screen position or size	Try selecting a different aspect ratio by pressing the **ASPECT** button on the remote control.
The image appears distorted	Ensure the display's aspect ratio is correctly set to suit the program source.
The image appears too bright, and there is a loss of definition in the brightest areas of the image.	• Reduce the contrast setting. • The DVD player is set for a high-level output. • The AV video signal has not been terminated properly somewhere in the external AV equipment.
The image appears too 'washed out', or the darkest areas of the image appear too bright.	• Reduce the brightness level till the black areas of the picture appear as black. • The DVD player may be set at too high a brightness level.
Power indicator lamp flashes red.	• Check the PC/DVI cable for disconnection. • This indicates the PC/DVI input has been selected with no PC/DVI source signal. • The PC has been put to Standby mode.
"Out of range" appears	• Check whether the input signal is acceptable to the display.
Remote control does not function properly	• Check for incorrect battery orientation. • Check for dead batteries • Check your distance and angle from the display. • Check whether remote control is properly being pointed at the display's remote control sensor window. • Check for any obstacle between the remote control and the remote control sensor window. • Check that the remote control sensor window is not under strong fluorescent lighting. • Check for any devices (PC or personal digital assistant, PDA) nearby that transmit infrared signal which may cause interference to signal transmission between the remote control and the LCD display. Turn off the infrared function of these devices.
There is no picture or sound, just noise.	Make sure the antenna cable is properly connected.

Picture is not clear.	• Make sure the antenna cable is properly connected. • If PC is selected as the input signal source, use the Auto function in the PC Menu to let the display adjust picture automatically.
No sound.	• Check whether you have selected the Mute function. • Make sure the volume is not set to minimum. • Check the AV cables for disconnection.

7 Specifications

Model		DV3750
Size		94 cm (37 inches)
Aspect ratio		16:9
Resolution		1920 x 1080
Pitch		0.42675 x 0.42675 (mm)
Brightness		550 nits
Contrast ratio		800:1
Viewing angle		170°/170°
Response time		8 ms (Gray to Gray)
Amplifier		15W x 2
Signal inputs	Video	S-Video Composite video (RCA) Component video (Y P_B P_R) Audio input
	PC	DVI PC D-sub DVI audio input PC audio
Signal outputs		Audio output Headphone output Subwoofer output
Scan format		480P/576P/720P/1080i
PC horizontal frequency		31.5 ~ 60 kHz
PC vertical frequency		50 ~ 70 Hz
Power supply		AC 100-240 V, 50-60 Hz
Operating temperature		0∀C ~40∀C (at sea level)
Storage temperature		-20∀C ~ 50∀C (at sea level)
Operating humidity		20% ~ 90%

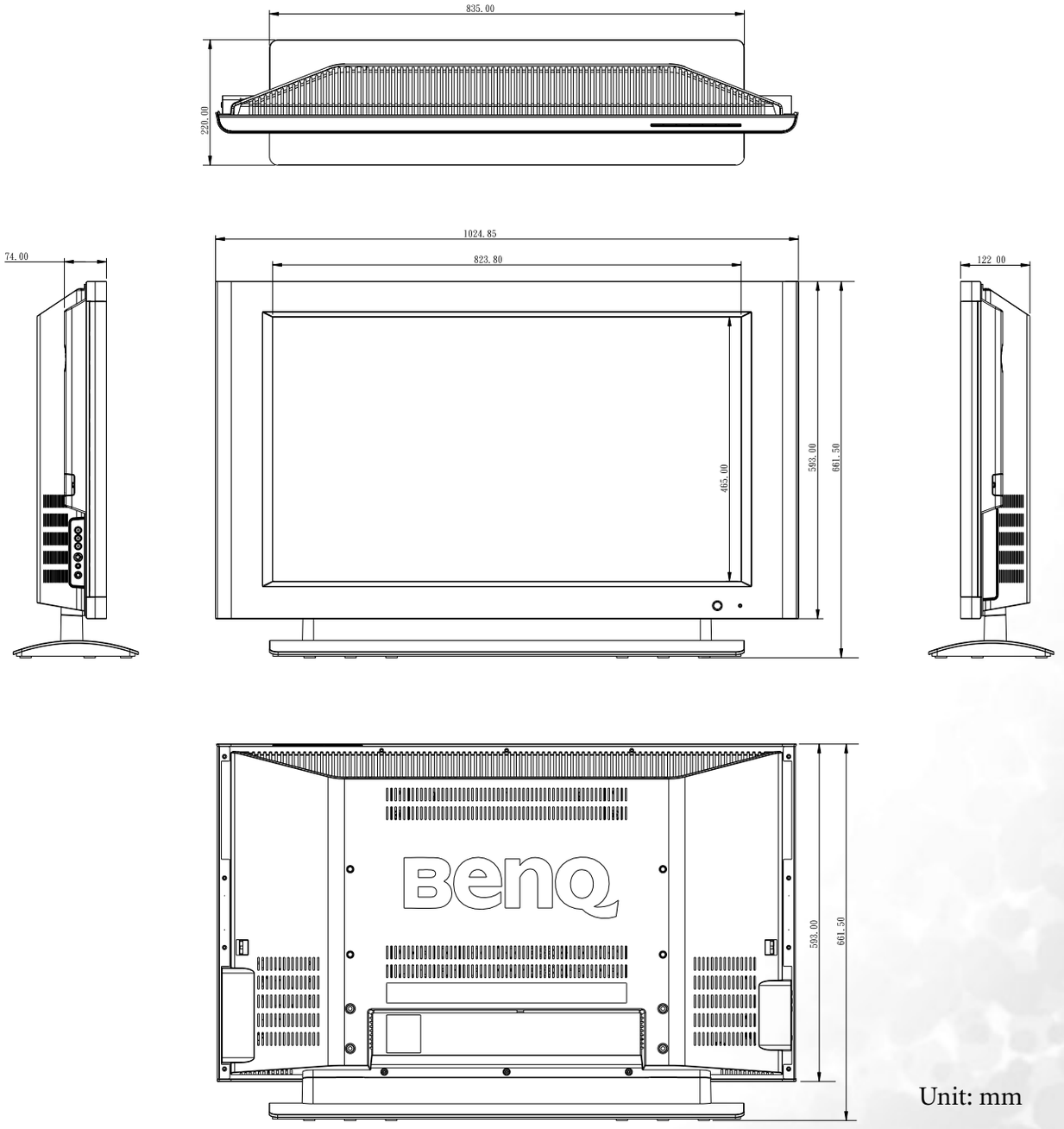
☞ **Design and specifications are subject to change without notice.**

10 Supported Modes

Resolution	Horizontal Freq. (khz)	Vertical Freq. (Hz)	Bandwidth (Mhz)	Notes
720 × 400	31.47	70.08	28.32	DOS mode
640 × 480	31.47	60.00	25.18	DOS mode
640 × 480	37.50	75.00	31.50	VESA
640 × 480	37.86	72.80	31.50	VESA
800 × 600	37.88	60.32	40.00	VESA
800 × 600	46.86	75.00	49.50	VESA
1024 × 768	48.36	60.00	65.00	VESA

Optimal settings for this product are as listed above. It is suggested that you select appropriate settings from this table to obtain optimal performance.

11 Dimensional Drawings



Unit: mm

<Memo>